

Title:  $\alpha$ -amylase mutants

**ABSTRACT**

The invention relates to a variant of a parent Termamyl-like 5  $\alpha$ -amylase, which exhibits an alteration in at least one of the following properties relative to said parent  $\alpha$ -amylase: i) improved pH stability at a pH from 8 to 10.5; and/or ii) improved  $\text{Ca}^{2+}$  stability at pH 8 to 10.5, and/or iii) increased specific activity at temperatures from 10 to 60°C.

10